

## Product datasheet for **MR212155L4V**

### Creb1 (NM\_009952) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Creb1 (NM_009952) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Creb1
Synonyms:	2310001E10Rik; 3526402H21Rik; AV083133; Creb; Creb-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009952
ORF Size:	1023 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR212155).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_009952.2</a> , <a href="#">NP_034082.1</a>
RefSeq Size:	8431 bp
RefSeq ORF:	1026 bp
Locus ID:	12912
UniProt ID:	<a href="#">Q01147</a>
Cytogenetics:	1 32.74 cM



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**Gene Summary:**

Phosphorylation-dependent transcription factor that stimulates transcription upon binding to the DNA cAMP response element (CRE), a sequence present in many viral and cellular promoters. Transcription activation is enhanced by the TORC coactivators which act independently of Ser-133 phosphorylation. Involved in different cellular processes including the synchronization of circadian rhythmicity and the differentiation of adipose cells. [UniProtKB/Swiss-Prot Function]